GOVERNMENT OF INDIA
WATER RESOURCES, RIVER DEVELOPMENT AND GANAGA REJUVENATION
LOK SABHA

UNSTARRED QUESTION NO:1560
ANSWERED ON:24.11.2016
Desalination Technologies for Water Needs
Singh Shri Dushyant

Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANAGA REJUVENATION be pleased to state:

(a) whether the Government plans on expanding and incentivizing use of desalination technologies to meet the growing industrial and domestic water needs of the country in light of recent advances in efficiency, if so, the details thereof;

(b) whether any efforts have been made to acquire expertise in desalination technologies from other countries like Israel which use desalination for meeting a large portion of their water needs; and

(c) if so, the details thereof and if not, the reasons therefor?

Answer

THE MINISTER OF STATE FOR WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION

(DR. SANJEEV KUMAR BALYAN)

(a) Yes, Madam. Department of Science and Technology is mandated with indigenous research and development for water purification technologies including desalination of brackish and pure sea water. Department has supported demonstration plants based on indigenously developed reverse osmosis technology for brackish and sea water desalination. Department has also supported solar bio-mass hybrid multi effect distillation, thermal desalination system at Naripayyur in Ramanathapuram District of Tamil Nadu.

Further, Ministry of Drinking Water and Sanitation envisages installation of desalination plants where availability of surface and ground water is a problem or has hazardous substances like arsenic and fluoride.

(b) & (c) A Memorandum of Understanding (MoU) between India and Israel for cooperation in the field of water resources management and development has been signed in New Delhi on 11th November, 2016. Desalination is one of the main areas for collaboration and sharing of experience and expertise in the MoU.
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